

Parts of a Plan

Before you get out the wood and start to saw, you should make a plan. A plan will help the job go smoothly, with little waste and few mistakes. Taking the time to make a complete project plan will save you extra work and frustration during construction.

A detailed plan for a woodworking project looks like the one shown in Fig. 3-1. Notice

that it contains three basic parts: drawings, a bill of materials, and a plan of procedure. These parts work together, showing what the project will look like and how it will fit together. They also show you the project's dimensions, how much material the project needs, and how to build it.

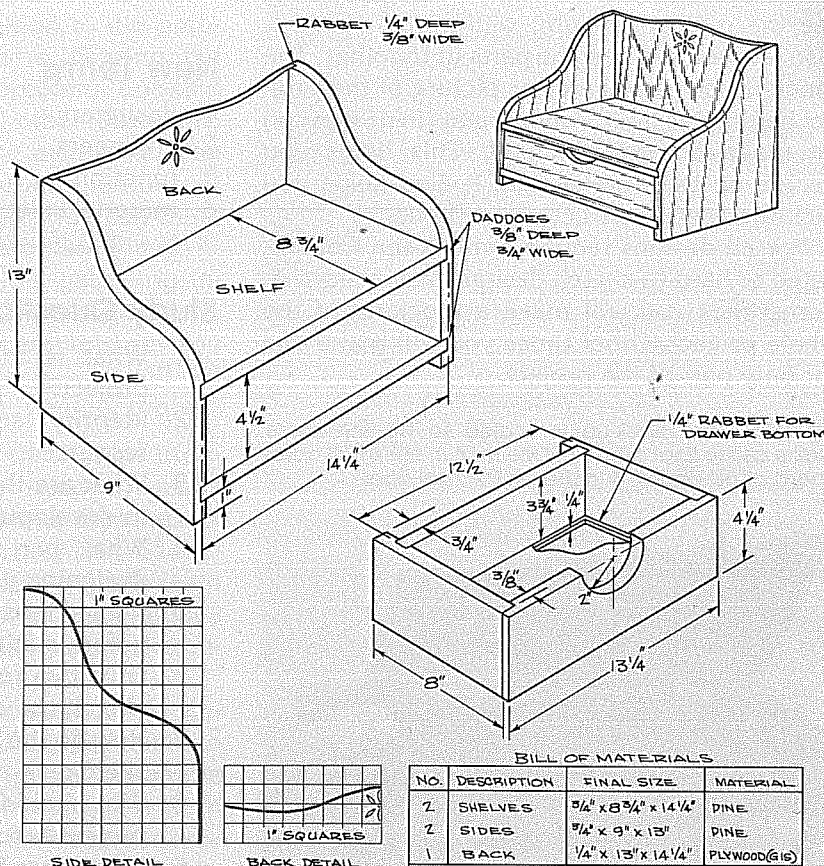
Fig. 3-1. This is an example of a detailed plan for a desk shelf.

PLAN OF PROCEDURE

TOOLS REQUIRED: COPING SAW OR BANDSAW
BACKSAW, PLANE, ROUTER, HAMMER.

PROCEDURE:

1. CUT AND PLANE SIDES AND SHELVES TO SIZE.
2. ROUT RABBETS AND DADOES IN SIDES.
3. CUT BACK TO SIZE.
4. SAND PARTS.
5. GLUE AND ASSEMBLE SIDES, SHELVES.
6. ATTACH BACK.
7. CUT AND PLANE DRAWER FRONT, SIDES AND BACK TO SIZE.
8. ROUT RABBIT IN DRAWER FRONT, SIDES AND BACK.
9. CUT DRAWER BOTTOM.
10. SAND PARTS.
11. GLUE AND ASSEMBLE DRAWER. USE NAILS TO REINFORCE SIDES. DO NOT USE GLUE ON DRAWER BOTTOM.
12. FINAL SAND PROJECT.
13. FINISH.



BILL OF MATERIALS			
NO.	DESCRIPTION	FINAL SIZE	MATERIAL
2	SHELVES	5/2" x 8 3/4" x 14 1/4"	PINE
2	SIDES	5/2" x 9" x 13"	PINE
1	BACK	1/4" x 13" x 14 1/4"	PLYWOOD (G15)
DRAWER			
1	FRONT	3/4" x 4 1/4" x 13 1/4"	PINE
2	SIDES	3/4" x 4 1/4" x 8"	PINE
1	BACK	3/4" x 4 1/4" x 12 1/2"	PINE
1	BOTTOM	1/4" x 6 3/4" x 12 1/4"	PLYWOOD (G15)